

Abstract of WO2004014928

The invention relates to a difluorinated gem compound having formula (I) wherein $R<1>$ is a group comprising an alkyl chain that is substituted by at least one amine, amide or acid function, $R<2>$ is a hydrogen atom H or a free or protected alcohol function, $R<3>$ is group H, CH₃, CH₂OH, CH₂-OGP wherein GP is a protecting group such as an alkyl, benzyl (Bn), trimethylsilyl (TMS), tert-butyldimethylsilyl (TBDMS), tert-butyldiphenylsilyl (TBDPS), acetate (Ac) group, etc. and Y, Y', Y'' are independent groups wherein Y, Y', Y'' = H, OR, N₃, NR'R, SR', etc. with R = H, Bn, Ac, TMS, TBDMS, TBDPS, etc., R', R'' = H, alkyl, allyl, Bn, tosylate (Ts), C(=O)-alkyl, C(=O)-Bn, etc., R' = H, alkyl, Ac. The invention applies in particular to the use of said compound for the preparation of antitumoral, antiviral, hypoglycaemic and anti-inflammatory medicaments and compounds for immunology and cosmetology or glycopeptide analogues of antifreeze molecules.